



ANNUAL RETURN  
OF  
STATISTICS  
RELATING TO  
FOREST ADMINISTRATION  
IN  
BRITISH INDIA  

---

1911-12.



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### NOTICE.

These statistics were formerly included in the Inspector General of Forests' annual Review of Forest Administration in British India. From 1910-11 only the Statistics are being published annually and the progress of Forest Administration in India will be reviewed quinquennially, commencing with the period ending with the year 1913-14.

A few diagrams, illustrative of the principal results, are appended to the present issue of the statistics.

SIMLA;

*The 15th August 1913.*



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### APPENDIX.

Statistical diagrams indicating some results of Forest Administration  
in British India.



## STATEMENT I.

## Area of all forest lands.

PROVINCE.		FOREST AREA IN SQUARE MILES.				Percentage of forests to whole area of Province.	REMARKS.
Name.	Area in square miles.	Reserved.	Protected.	Unclassed State.	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Bengal .. ..	77,572	(a) 4,003	(b) 1,711	4,030	10,401	13.4	(a) Excludes 17 square miles of reserved forests not under the management of the Forest Department.
United Provinces ..	106,773	(c) 4,117	(d) 30	29	4,176	3.9	(b) Excludes 54 square miles not under the control of the Forest Department.
Punjab .. ..	97,211	(e) 2,208	(f) 5,203	1,312	8,723	9	(c) Includes 156 square miles of leased forests.
Burma .. ..	169,999	26,135	..	111,218	1,37,353	80.8	(d) Excludes 9,069 square miles of District forests not under the control of the Forest Department.
Bihar and Orissa ..	83,083	1,719	(g) 1,057	..	2,776	3.3	(e) Includes 364 square miles of leased forests but excludes 110 square miles of Reserved Forests not under the control of the Forest Department.
Assam .. ..	48,915	4,321	..	18,401	22,725	46.5	(f) Excludes 19 square miles not under the control of the Forest Department.
Central Provinces (including Berar).	99,871	21,038	..	..	21,038	21.1	(g) Excludes 927 square miles of other protected forests not under the management of the Forest Department.
Coorg .. ..	1,682	520	..	..	520	32.9	(h) Excludes 14 square miles of Military and Civil Reserved Forests.
North-West Frontier Province.	13,181	(i) 236	(j) ..	..	236	1.8	(i) 121 square miles of Civil Protected forests are not shown.
Ajmer .. ..	2,767	142	..	..	142	5.1	(j) There are only 115 acres of Protected Forests in Ajmer.
Baluchistan (Portions under British Administration).	44,856	313	..	472	785	1.7	
Andamans .. ..	3,143	156	..	2,013	2,169	69.0	
Madras .. ..	142,303	18,601	..	(k) 838	19,439	13.7	(k) Reserved lands.
Bombay (including Sind)	123,261	(l) 11,979	(m) 405	..	12,474	10.1	(l) Includes 331 square miles of leased forests and excludes 2,044 square miles of forests in charge of the Revenue Department.
Total 1911-12 ..	1,010,323	90,148	8,406	138,316	242,060	23.9	(m) Includes 325 square miles of leased forests and excludes 518 square miles of Protected Forests in charge of the Revenue Department.
" 1910-11 ..	1,010,282	90,397	8,507	138,594	243,478	23.9	
" 1909-10 ..	987,920	90,474	8,811	140,263	245,551	24.0	
" 1908-09 ..	986,141	94,561	8,835	138,378	241,774	24.6	
" 1907-08 ..	895,038	91,059	8,833	134,897	237,809	24.2	



## STATE

## Progress in forest

PROVINCE.  (1)	AREAS ALREADY SETTLED AT THE COMMENCEMENT OF THE YEAR			AREAS FINALLY SETTLED DURING THE YEAR,					
	Reserved forests.	Protected forests	Total	AREA			EXPENDITURE INCURRED.		
				Reserved.	Protected.	Total	Reserved.	Protected.	Total.
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.	Rs.	Rs.
Bengal ..	4,085	..	4,085	..	..	..	..	..	..
United Provinces..	3,958	30	3,988	2	..	2	..	..	..
Punjab .. ..	1,052	5,222	7,174	2	..	2	..	..	..
Burma .. ..	25,881	..	25,881	267	..	267	17,900	..	17,900
Bihar and Orissa ..	1,717	..	1,717	3	..	3	(b)282	..	282
Assam .. ..	4,345	..	4,345	..	..	..	..	..	..
Central Provinces	21,383	..	21,383	21	..	21	..	..	..
Cooorg .. ..	520	..	520	..	..	..	..	..	..
North West Fron- tier Province.	250	121	371	..	..	..	..	..	..
Ajmer .. ..	..	..	..	..	..	..	..	..	..
Baluchistan ..	313	..	313	..	..	..	..	..	..
Andamans ..	156	..	156	..	..	..	..	..	..
Madras .. ..	18,598	..	18,598	5	..	5	1,330	..	1,330
Bombay .. ..	13,649	717	14,366	10	..	10	..	..	..
Total 1911-12	97,407	6,090	103,497	310	..	310	19,512	..	19,512
„ 1910-11	90,281	6,281	96,562	843	2	845	11,076	..	11,676
„ 1909-10	90,011	6,162	96,173	2,096	..	2,096	13,601	..	13,601
„ 1908-09	(a)90,915	6,289	97,204	1,217	13	1,230	8,583	..	8,583
„ 1907-08	89,197	6,310	95,507	1,798	..	1,798	7,400	..	7,400

(a) Corrected area.  
(b) Rs. 400 was also incurred "In other  
(c) Rs. 800 was also incurred "In other

## MENT II.

settlements.

AREA UNDERGOING SETTLEMENT.								
AT COMMENCEMENT OF THE YEAR.			TAKEN IN HAND DURING THE YEAR.			EXPENDITURE INCURRED DURING THE YEAR.		
Reserved. (11)	Protected, (12)	Total, (13)	Reserved. (14)	Protected (15)	Total. (16)	Reserved. (17)	Protected. (18)	Total, (19)
Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.	Rs.	Rs.
4	..	4	....	..	..	..	..	..
3	..	3	..	248	248	..	43,485	43,485
33	205	238	31	..	31	..	..	..
1,033	..	1,033	407	..	407	16,801	..	16,801
71	..	71	61	..	61	(c)	..	..
44	..	44	52	..	52	253	..	253
22	..	22	2	..	2	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
16	..	16	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
495	..	495	76	..	76	2,095	..	2,095
18	..	18	5	..	5	..	..	..
1,730	205	1,935	631	248	879	19,149	43,485	62,634
3,430	205	3,635	5,692	..	5,692	17,992	..	17,992
3,322	205	3,527	867	..	867	1,12,971	..	1,12,971
5,323	205	5,528	824	..	824	34,326	..	34,326
3,122	205	3,327	3,575	..	3,575	34,188	..	34,188

accounts " by Land Revenue Department.  
accounts " by Land Revenue Department.

## STATEMENT III.

*Demarcation and maintenance of boundaries.*

PROVINCE.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	EXPENDITURE ON DEMARCATION DURING THE YEAR	
								On new work.	On repairs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Ra.	Ra.
Bengal .. ..	6	942	414	1,362	309	1,312	3,013	141	8,398
United Provinces..	4	1,502	2,027	4,433	3	1,575	6,011	3,541	7,920
Punjab .. ..	50	1,574	8,169	9,793	23	1,082	10,889	2	2,909
Burma .. ..	550	3,251	15,200	10,100	790	3,838	23,734	8,127	18,601
Bihar and Orissa	10	3,330	250	3,600	..	260	386	..	706
Assam .. ..	60	1,379	49	1,488	34	1,721	3,243	1,518	7,574
Central Provinces	138	12,905	19,753	32,796	170	3,151	36,117	1,298	19,806
Coorg .. ..	..	74	233	307	173	56	536	..	992
North-West Frontier Province.	..	194	583	777	..	139	916	..	526
Ajmer .. ..	..	26	217	243	..	138	401	..	258
Baluchistan ..	16	66	378	460	..	77	537	..	3
Andamans ..	4	1	74	79	..	118	197	1	1
Madras .. ..	529	17,783	16,069	34,981	616	1,758	37,357	21,516	18,853
Bombay .. ..	550	9,587	25,038	36,054	2,161	3,000	41,228	6,036	6,099
Total 1911-12	1,923	52,597	90,951	1,45,473	4,318	18,284	1,61,393	43,250	92,046
„ 1910-11	1,912	57,929	86,320	1,46,101	4,393	18,211	1,68,798	37,636	85,491
„ 1909-10	2,527	64,885	78,490	1,45,967	6,033	18,093	1,70,063	35,260	92,129
„ 1908-09	2,727	61,235	78,594	1,42,576	6,117	15,576	1,66,269	40,362	97,774
„ 1907-08	2,421	55,439	83,367	1,41,227	10,653	17,490	1,69,370	57,006	89,154

\* N.—Boundaries include, besides the outer perimeter the limits of enclosures of private and other lands within the forests but not the limits of subdivisions, such as blocks, compartments and trapezes.

## STATEMENT IV.

## Forest survey operations.

PROVINCE.	Forest surveyed.	NATURE OF SURVEY OPERATIONS.						TOTAL AREA OF DETAIL SURVEY.		Expenditure of the year including mapping and pub- lishing charges debttable to Forests.	REMARKS.	
		1 <sup>st</sup> DETAIL SURVEY.		2 <sup>nd</sup> DETAIL SURVEY.		4 <sup>th</sup> DETAIL SURVEY.		1911-1912.	Total up to date.			
		Area.	Cost rate.	Area.	Cost rate.	Area.	Cost rate.					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
		Sq. m.	Rs.	Sq. m.	Rs.	Sq. m.	Rs.	Sq. m.	Sq. m.	Rs.		
Bengal .. ..	..	..	..	..	..	..	..	..	3,265	..	(a) 10 square miles pre- viously surveyed on the 4 inch scale by the Forest Survey Branch, have been surveyed.	
United Provinces ..	Naini Tal ..	..	..	..	..	..	..	..	..	516		
	Ramnagar ..	..	..	..	..	..	..	..	4,139	146	(b) Excludes 64 square miles previously sur- veyed on the 4 inch scale by the Forest Survey Branch.	
	Bahraich ..	(a)	..	..	..	..	..	..	..	..		
Punjab .. ..	Lahore ..	(b)	33	14.4	..	..	..	33	4,565	..	(c) 192 miles of bound- aries have been tra- versed on a scale of 4 inch = 1 mile.	
	Bhamo and Myitkyina.	..	..	(c)	215	50.9	..	..	..	..		
Burma .. ..	Southern Shan State.	..	..	64	..	..	..	392	14,652	..	(d) 164 miles of bound- aries have been tra- versed on a scale of 4 inch = 1 mile.	
	West Salween	..	..	33	..	..	..	..	..	..		
		..	..	(d)	4	30.2	..	4	(e)	1,680		
Bihar and Orissa ..	Singbhum & Chaibassa.	..	..	..	..	..	..	..	..	..	(e) Includes 396 square miles of Forests in the Sambalpur Division taken from the Central Provinces.	
Assam .. ..	Kamrup ..	..	..	77	38.7	..	..	77	2,413	..	(f) 707 miles of bound- aries have been tra- versed on a scale of 4 inch = 1 mile.	
Central Provinces ..	Berar ..	..	..	(f)	310	56.5	..	310	(g)	18,910	675	
Coorg .. ..	..	..	..	73	35.5	..	..	73	478	..	(g) Excludes 396 square miles of Forests in the Sambalpur Division added to Bihar and Orissa.	
North-West Frontier Province.	..	..	..	..	..	..	..	..	445	..		
Ajmer .. ..	..	..	..	..	..	..	..	..	144	..	(h) 8½ square miles pre- viously surveyed on the 4 inch scale have been resurveyed.	
Baluchistan ..	..	..	..	..	..	..	..	..	227	..		
Andamans ..	..	..	..	..	..	..	..	..	..	..	(i) Mapping and pub- lishing charges of the Ganjam sheets.	
Madras .. ..	South Kanara	..	..	77	35.5	..	..	77	15,139	(i)	490	
	South Coim- batore.	..	..	(h)	..	..	..	..	..	..	(j) Mapping and pub- lishing charges only and excludes Forest Map Office Headquar- ters charges Rs. 38,592 and the cost borne by the Survey of India.	
Bombay .. ..	..	..	..	..	..	..	..	..	12,973	..		
		..	..	..	..	..	..	..	..	..	(k) Excludes Headquar- ters charges Rs. 39,171.	
Total 1911-12 ..	..	33	..	873	..	..	..	906	78,839	(j)	1,827	
" 1910-11 ..	..	395	..	446	..	..	..	841	77,933	(k)	1,926	
" 1909-10 ..	..	120	..	1,370	..	..	..	1,490	77,092	(l)	5,708	
" 1908-09 ..	..	29	..	1,881	..	(o)	70	1,980	(o)	75,602	(m)	9,935
" 1907-08 ..	..	43	..	2,676	..	43	..	2,762	73,622	(n)	6,199	

## STATEMENT V.

*Progress made in Working-plans.*

PROVINCES.	AREAS FOR WHICH WORKING-PLANS HAVE BEEN SANCTIONED BY LOCAL GOVERNMENTS.		AREAS FOR WHICH WORKING PLANS ARE BEING COMPILED.		Areas for which Working-plans have still to be taken in hand.	Areas for which Working-plans are not at present required.	Total forest area as in Statement I.	Percentage of area under Working-plans to the total forest area.	REMARKS.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.		
Bengal .. ..	(a) 914	3,800	(b) 26	17	(c) 5,647	..	10,404	9	(a) Excludes 17 square miles of other Reserves and 5 square miles of forests in Kurseong Division already included in the Darjeeling Working-plan.
United Provinces..	3,779	208	..	..	(d) 99	..	4,176	90	
Punjab .. ..	(d) 3,969	..	360	(c) 402	(d) & (c) 3,992	..	8,723	46	
Burma .. ..	7,425	231	(d) 2,176	776	(d) 126,745	..	137,353	5	(b) Excludes 101 square miles for which revised Working-plans are under preparation.
Bihar and Orissa ..	1,403	..	..	..	(f) 1,313	..	2,770	53	(c) Excludes 54 square miles of other protected forests.
Assam .. ..	1,134	..	..	..	3,187	18,401	22,725	5	(d) Revised areas.
Central Provinces	12,607	..	(d) & (h) 3,932	..	(d) 2,412	2,057	21,038	60	(e) Includes part of the 39 square miles for which a Working-plan is under preparation.
Coorg .. ..	130	..	(g) 77	..	313	..	620	25	
North-West Frontier Province.	236	..	..	..	..	..	236	100	(f) Excludes 927 square miles of other protected forests.
Ajmer .. ..	140	..	..	..	2	..	142	99	
Baluchistan ..	..	..	..	..	313	472	785	..	(g) Excludes 130 square miles for which a Working-plan is under preparation.
Andamans ..	317	..	..	..	1,852	..	2,169	15	(h) Excludes 3,037 square miles for which revised Working-plans are under preparation, and 41 square miles for which Working-plans are being compiled.
Madras .. ..	(d) 7,939	45	(d) 1,991	(f) 729	8,816	..	19,133	40	
Bombay .. ..	6,565	..	392	409	4,437	671	12,474	53	
									(i) The fact that a Working-plan for 60 square miles of forests was still to be prepared for Thenmalai Javadi was omitted to be noted in last year's return.
Total 1911-12	40,518	4,374	8,914	2,332	159,188	21,601	242,900	19	
.. 1910-11.	49,144	1,039	5,916	4,641	167,067	25,641	243,478	20	
.. 1909-10	48,104	1,317	5,931	2,292	161,679	26,208	245,551	20	
.. 1908-09.	44,848	3,453	5,315	2,378	185,760	Included in column 6.	241,774	20	
.. 1907-08	42,441	2,711	7,357	2,559	182,741		237,809	10	

## STATEMENT VI.

*Expenditure on communications and buildings.*

PROVINCE.  (1)	NEW WORKS.		REPAIRS.		Other Works.  (6)	TOTAL  (7)
	Buildings.	Roads.	Buildings.	Roads.		
	(2)	(3)	(4)	(5)		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal .. .. .	35,491	12,245	14,978	13,007	5,445	81,166
United Provinces ..	46,138	12,152	33,535	50,219	14,304	1,56,348
Punjab .. .. .	17,011	19,180	7,013	7,356	1,817	52,377
Burma .. .. .	90,616	96,721	53,687	27,197	18,500	2,86,721
Bihar and Orissa ..	15,060	15,282	8,520	10,208	2,590	51,660
Assam .. .. .	33,601	28,733	16,740	14,745	10,408	1,04,227
Central Provinces ..	40,535	43,984	28,009	23,366	46,437	1,85,421
Coorg .. .. .	108	341	1,935	2,013	620	5,017
North-West Frontier Province.	5,117	249	515	1,910	56	7,847
Ajmer .. .. .	140	12	25	33	118	328
Baluchistan .. ..	114	..	151	10	..	275
Andamans .. .. .	1,670	..	559	1,097	(a) 1,026	4,352
Madras .. .. .	1,51,288	61,190	44,630	83,428	23,529	3,64,065
Bombay .. .. .	27,093	14,028	15,721	25,192	9,051	91,685
Total 1911-12 ..	4,60,982	3,04,117	2,26,108	2,59,781	1,34,501	13,94,489
" 1910-11 ..	4,70,257	3,48,784	2,12,482	2,42,365	1,27,048	14,00,930
" 1909-10 ..	5,37,292	2,45,800	1,92,224	1,93,356	1,31,296	12,99,968
" 1908-09 ..	4,45,273	3,23,590	2,08,284	2,16,620	1,75,987	13,69,724
" 1907-08 ..	4,61,060	3,48,394	1,81,440	2,01,237	1,75,692	13,70,823

(a) Cost incurred on temporary tram lines.

## STATEMENT VII.

*Breaches of forest rules.*

PROVINCE.			Cases pending from 1910-1911.	NEW CASES OF THE YEAR.						TOTAL CASES.	DISPOSED OF DURING THE YEAR.						Cases pending at close of year.
				Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	CONVICTIONS.		ACQUITTALS.		TOTAL.				
									Cases.		Persons.	Cases.	Persons.	Cases.	Persons.		
(1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
Bengal	A.	..	25	3	111	20	49	183	208	167	533	28	203	195	736	13	
	B.	..	56	4	709	570	55	1,338	1,394	1,312	2,783	..	..	1,312	2,783	82	
	C.	..	..	11	4	..	3	18	18	..	..	..	..	..	..	..	
	Total	..	81	18	824	590	107	1,539	1,620	1,479	3,316	28	203	1,507	3,519	95	
United Provinces	A.	..	14	11	36	47	20	114	128	96	282	21	70	117	352	11	
	B.	..	80	17	830	657	89	1,593	1,673	1,525	3,777	71	75	1,596	3,852	77	
	C.	..	..	43	104	6	1	154	154	..	..	..	..	..	..	..	
	Total	..	94	71	970	710	110	1,861	1,955	1,621	4,059	92	145	1,713	4,204	88	
Punjab	A.	..	174	16	518	204	136	874	1,048	636	1,408	176	1,055	812	2,463	207	
	B.	..	9	20	3,569	4,353	129	8,071	8,080	8,080	12,036	..	..	8,080	12,086	..	
	C.	..	..	233	59	13	..	305	305	..	..	..	..	..	..	..	
	Total	..	183	269	4,146	4,570	265	9,250	9,443	8,716	13,104	176	1,055	8,892	14,549	207	
Burma	A.	..	241	26	686	42	157	911	1,152	771	1,659	123	308	804	1,967	202	
	B.	..	260	11	1,881	114	1,170	3,176	3,436	2,850	4,205	41	46	2,897	4,251	474	
	C.	..	..	31	100	..	10	141	141	..	..	..	..	..	..	..	
	Total	..	501	68	2,667	156	1,337	4,228	4,729	3,627	5,864	164	354	3,701	6,218	676	
Bihar and Orissa	A.	..	39	19	111	16	72	218	257	185	619	39	218	224	837	30	
	B.	..	48	2	943	171	58	1,174	1,222	1,175	3,586	3	15	1,178	3,601	41	
	C.	..	..	65	4	..	..	69	69	..	..	..	..	..	..	..	
	Total	..	87	86	1,058	187	130	1,461	1,548	1,360	4,205	42	233	1,402	4,438	71	
Assam	A.	..	18	2	180	11	43	236	254	175	582	41	196	219	778	35	
	B.	..	2	1	315	25	115	458	458	440	1,092	..	..	440	1,092	18	
	C.	..	..	6	..	..	..	6	6	..	..	..	..	..	..	..	
	Total	..	20	9	495	36	158	698	718	615	1,674	44	196	659	1,870	53	
Central Provinces	A.	..	23	30	100	101	40	271	291	208	472	56	326	264	798	30	
	B.	..	611	82	3,804	4,018	201	8,195	8,806	8,065	22,450	2	2	8,067	22,461	739	
	C.	..	..	262	185	6	7	460	460	..	..	..	..	..	..	..	
	Total	..	634	374	4,089	4,125	333	8,926	9,560	8,273	22,031	58	328	8,331	23,259	769	
Coorg	A.	..	1	..	1	5	2	8	9	6	14	1	3	7	17	2	
	B.	..	1	..	5	26	1	32	33	14	29	10	42	33	71	..	
	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Total	..	2	..	6	31	3	40	42	20	43	20	45	40	88	2	
North-West Frontier Province.	A.	..	41	24	125	56	7	212	253	140	294	30	100	170	394	74	
	B.	..	..	..	903	520	2	1,425	1,425	1,425	2,903	..	..	1,425	2,903	..	
	C.	..	..	6	53	16	1	76	76	..	..	..	..	..	..	..	
	Total	..	41	30	1,081	592	10	1,713	1,754	1,565	3,187	30	100	1,595	3,297	74	

## STATEMENT VII—contd.

## Breaches of forest rules—contd.

PROVINCE.		Cases pending from 1910-1911.	NEW CASES OF THE YEAR.					TOTAL CASES	DISPOSED OF DURING THE YEAR.						Cases pending at close of year.
			Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		CONVICTIONS.		ACQUITTALS.		TOTAL.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Ajmer .. ..	A.	..	..	10	2	1	22	22	22	48	..	1	22	47	..
	B.	..	1	369	258	5	613	613	633	1,438	10	30	643	1,477	..
	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..		..	1	388	270	6	665	635	655	1,486	10	40	665	1,524	..
Baluchistan .. ..	A.	1	..	17	6	..	23	24	22	59	..	..	22	59	2
	B.	..	..	23	7	..	30	30	30	56	..	..	30	56	..
	C.	..	1	1	..	..	2	2	..	..	..	..	..	..	..
Total ..		1	1	41	13	..	55	56	52	115	..	..	52	115	2
Andamans .. ..	A.	..	..	1	..	..	..	1	2	2	2	2	4	4	..
	B.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..		..	..	4	..	..	..	1	2	2	2	2	4	4	..
Madras .. ..	A.	1,505	81	3,836	1,597	312	5,309	6,904	1,794	13,137	569	1,761	5,303	9,793	1,423
	B.	3,614	66	14,142	6,676	716	21,630	25,141	10,271	43,174	182	511	10,456	13,635	4,441
	C.	13	1,119	133	381	23	1,966	1,079	..	..	..	..	..	..	..
Total ..		5,332	1,266	17,966	8,614	1,116	23,995	31,327	21,069	56,611	751	2,272	21,810	53,161	5,904
Bombay .. ..	A.	318	124	607	211	106	1,048	1,366	893	2,100	141	510	1,030	3,015	316
	B.	417	109	8,102	7,003	1,026	16,725	17,142	16,269	34,183	273	601	16,542	31,767	603
	C.	62	1,667	2,445	31	41	4,132	4,244	..	..	..	..	..	..	..
Total ..		797	1,896	11,544	7,232	1,173	21,935	22,752	17,167	36,670	414	1,153	17,581	37,832	919
GRAND TOTAL .. ..	A.	2,400	370	5,901	2,308	975	9,510	11,023	3,122	21,905	1,230	4,702	9,352	21,293	2,345
	B.	5,299	403	35,085	24,413	3,687	64,489	69,780	61,093	131,771	601	1,334	61,099	133,105	6,514
	C.	75	3,440	3,393	455	91	7,370	7,454	..	..	..	..	..	..	..
Total 1911-12 ..		7,773	4,182	15,270	27,176	4,753	81,368	89,163	69,220	1,51,070	1,831	6,126	71,051	1,54,100	8,859
" 1910-11 ..		7,632	1,213	38,610	27,306	1,006	74,161	81,706	63,578	1,40,817	1,290	1,384	61,870	115,202	(a) 7,686
" 1909-10 ..		7,023	4,526	36,520	27,400	3,597	72,142	79,164	61,597	1,13,396	1,225	4,012	62,822	1,38,103	(b) 7,547
" 1908-09 ..		6,082	3,615	27,238	26,173	4,274	71,300	78,282	60,511	1,30,237	1,413	5,180	61,654	1,11,417	7,023
" 1907-08 ..		6,091	4,679	35,170	25,016	4,529	69,693	75,781	57,002	1,20,105	1,220	4,703	58,831	1,30,903	7,131

N. B.—A. Cases taken into Court.

B. Cases compounded.

C. Undetected cases.

(a) Excludes 7,285 undetected cases and 1,955 cases struck off.

(b) Excludes 1,780 cases struck off.



## STATEMENT VIII.

*Area protected from fire.*

PROVINCE.	AREA IN SQUARE MILES.		Percentage of forests under fire protection to total area of reserves.	PERCENTAGE OF FAILURE TO AREA ATTEMPTED.		REMARKS.
	Attempted.	Protected.		Average of past 5 years to 1910-11.	1911-12.	
Bengal.. .. .	720	716	15.4	2.0	.6	
United Provinces .. ..	3,171	3,094	77.0	3.7	2.4	
Punjab .. .. .	1,043	1,016	47.2	1.9	2.6	
Burma.. .. .	6,750	6,317	25.8	3.5	6.4	
Bihar and Orissa .. ..	1,623	1,617	91.4	} (b)	.4	
Assam .. .. .	(a) 1,393	(a) 1,351	32.2		3.0	
Central Provinces .. ..	11,149	10,764	53.0	4.2	3.5	
Coorg .. .. .	173	168	33.3	2.8	2.9	
North-West Frontier Province ..	85	77	36.02	9.3	9.4	
Ajmer .. .. .	141	141	99.3	0.4	..	
Madras .. .. .	(a) 15,073	(a) 13,586	81.0	0.3	9.9	
Bombay .. .. .	9,861	9,486	82.3	8.7	3.8	
Total 1911-12 .. ..	51,182	48,333	53.2	5.6	5.5	
„ 1910-11 .. ..	50,712	48,718	52.6	5.8	3.9	
„ 1909-10 .. ..	48,510	45,768	50.3	5.6	5.7	
„ 1908-09 .. ..	46,432	44,497	40.0	6.3	4.5	
„ 1907-08 .. ..	45,695	42,577	48.8	7.1	6.8	

(a) Includes partially protected areas.

(b) Refers to the old Province of Eastern Bengal and Assam.

## STATEMENT IX.

*Causes of forest fires.*

Province.	Fires originating in Departmental Fire Conservancy operations.		External fires crossing the Fire traces.		Fires due to carelessness of outsiders.		Fires originating from intention or malice.		Fires due to unknown causes.		TOTAL.	
(1)	No. (2)	Sq. M. (3)	No. (4)	Sq. M. (5)	No. (6)	Sq. M. (7)	No. (8)	Sq. M. (9)	No. (10)	Sq. M. (11)	No. (12)	Sq. M. (13)
Bengal .. ..	2	..	5	1	(a) 13	3	1	..	..	..	21	4
United Provinces ..	22	3.7	11	3.0	39	35.7	9	13.8	20	20.7	101	77.8
Punjab .. ..	16	.4	9	3	78	2.5	121	21.4	64	4.7	288	32.0
Burma .. ..	38	74.7	61	57.3	(b) 169	227.5	78	72.2	5	.8	351	432.5
Bihar and Orissa ..	1	.5	1	..	(a) 37	6.6	20	3.4	..	..	59	10.5
Assam .. ..	1	2.5	5	2.1	4	1	7	1.7	1	..	18	7.3
Central Provinces ..	63	19	42	53.7	82	152.3	6	7.9	114	152.2	307	385.1
Coorg .. ..	..	..	6	4.6	..	..	4	.8	2	..	12	5.4
North-West Frontier Province.	..	..	7	.4	3	..	27	7.8	6	..	43	8.2
Ajmer .. ..	1	..	..	..	..	..	..	..	..	..	1	..
Baluchistan .. ..	..	..	..	..	4	..	..	..	1	..	5	..
Andamans .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Madras .. ..	57	5.9	177	337	338	235	461	349.1	660	539.5	1,693	1,466.5
Bombay .. ..	80	24.8	127	24.5	(c) 1,015	169.4	137	57.9	651	138.5	2,010	415.1
Total 1911-12 ..	281	131.5	451	487.5	1,782	833.0	871	536.0	1,524	856.4	4,909	2,844.4
" 1910-11 ..	260	90.8	480	344.5	1,746	637.4	765	400.7	1,052	681.0	4,003	2,204.4
" 1909-10 ..	321	152.0	515	654.9	2,102	529.5	652	597.4	1,722	1,320.8	5,312	3,254.9
" 1908-09 ..	302	77.0	394	496.7	(a) 2,651	1,015.4	441	313.6	Included in columns 6 and 7	..	3,788	1,902.9
" 1907-08 ..	351	223.7	551	676.9	(a) 3,572	1,678.4	727	596.0		..	5,201	3,175.6

(a) Includes fires due to unknown causes.

(b) Includes fires due to unknown causes in the Pegu, Northern and Southern Circles.

(c) Includes fires due to unknown causes in the Northern and Sind Circles.

## STATEMENT X.

*Area closed and open to grazing.*

PROVINCE.	AREA IN SQUARE MILES.						REMARKS
	CLOSED TO ALL ANIMALS		CLOSED TO BROWERS, CAMELS, GOATS OR SHEEP.		OPEN TO ALL ANIMALS.	Total area	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Bengal .. ..	5,480	7	155	63	4,770	(a) 10,475	(a) Includes 17 square miles of other reserves and 54 square miles of other protected forests.
United Provinces..	2,176	126	665	..	1,209	4,176	
Punjab .. ..	174	605	623	42	7,279	8,723	
Burma .. ..	10,475	5,344	218	6	1,12,310	1,37,353	
Bihar and Orissa ..	1,422	..	746	..	1,535	(b) 3,703	(b) Includes 927 square miles of other protected forests not under the management of the Forest Department.
Assam .. ..	3,948	..	197	..	18,580	22,725	
Central Provinces ..	3,470	504	9,294	111	7,659	21,038	
Coorg .. ..	169	351	(c)	..	..	520	(c) The whole area is closed to browsers.
North-West Frontier Province.	51	..	138	..	47	236	
Ajmer .. ..	1	138	(c)	..	3	142	
Baluchistan .. ..	201	10	13	8	550	785	
Andamans .. ..	156	..	..	..	2,013	2,169	
Madras .. ..	2,778	266	294	..	16,101	(d) 19,439	(d) Of the total area 16,256 square miles were closed to goats only. (e) Includes 2,592 square miles not under the management of the Forest Department.
Bombay .. ..	2,064	309	9,071	131	3,291	(e) 15,066	
Total 1911-12 ..	41,568	7,660	21,414	561	1,75,347	2,46,550	
" 1910-11 ..	42,692	6,753	21,123	179	1,76,348	2,47,095	
" 1909-10 ..	43,205	6,693	20,015	195	1,78,517	2,48,625	
" 1908-09 ..	Figures not available.						
" 1907-08 ..	Figures not available.						



PROVINCE.	GRAZED ON PAYMENT, NUMBER OF ANIMALS.									
	AT FULL RATES.					AT PRIVILEGED RATES.				
	Buffaloes.	Cows and Bullocks	Goats and Sheep.	Camels.	Other animals.	Buffaloes.	Cows and Bullocks	Goats and Sheep.	Camels.	Other animals.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Bengal .. ..	9,073	4,134	536	..	34	286	107,125	63	..	28
United Provinces ..	74,458	1,81,265	94,833	1,168	10,540	33,203	1,31,750	99,309	..	436
Punjab .. ..	26,378	159,103	3,02,700	12,581	1,224	92	8,072	2,53,226	..	19
Burma .. ..	2,847	16,241	2,635	50	26	38	35	..	..	1
Bihar and Orissa ..	8,886	31,269	4,738	..	..	9,065	1,49,316	12,500	..	500
Assam .. ..	47,056	17,633	986	..	854	777	96	..	..	..
Central Provinces ..	4,47,075	1,683,070	6,03,527	91	10,015	65,975	1,326,769	21,835	..	77
Coorg .. ..	314	1,586	..	..	..	..	..	..	..	..
North-West Frontier Province.	1,867	2,124	235	..	101	..	..	..	..	..
Ajmer .. ..	537	4,419	..	..	..	3,612	20,825	..	..	..
Baluchistan .. ..	546	8,007	2,000	..	17	..	..	..	..	..
Madras .. ..	1,05,003	9,56,800	12,83,136	..	184	22,231	94,516	39,832	..	..
Bombay .. ..	20,740	(a) 1,59,821	48,766	997	2,434	1,74,328	(a) 12,95,975	1,65,566	4	13,895
Total 1911-12 ..	7,45,400	3,219,481	2,344,142	14,887	25,429	3,09,807	3,134,478	5,92,331	4	14,956
" 1910-11 ..	7,15,773	2,987,791	2,466,844	17,796	23,411	2,40,155	2,797,571	5,79,293	6	4,511
" 1909-10 ..	7,29,893	3,603,674	2,760,872	13,374	21,702	1,48,827	1,807,268	5,76,177	59	3,518
" 1903-09 ..	8,60,720	4,547,396	3,342,919	15,381	24,985	1,62,773	1,891,704	5,75,115	50	5,965
" 1907-08 ..	6,28,263	3,955,142	3,247,292	20,928	33,266	225,677	1,687,295	5,90,338	191	5,652

\* Includes buffaloes in the Southern Circle.

## MENT XI.

from cattle.

GRAZED FREE, NUMBER OF ANIMALS.									
BY RIGHT UNDER SETTLEMENT.					DURING PLEASURE OF GOVERNMENT OR OTHERWISE THAN UNDER SETTLEMENT.				
Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
..	..	..	..	..	11	246	..	..	3
22,000	137,168	44,803	..	1,634	3,801	19,378	369	..	90
130,388	651,305	1,315,091	307	180,562	2,997	33,479	70	1,393	26
72,517	235,100	16	..	8	1,335	95	..	..	2,112
30,866	82,734	21,000	..	..	55	..	..	..	..
..	60	..	..	..	73,902	402,406	81,690	..	573
..	374	..	..	..	630	243,970	729	..	112
..	210	..	..	..	..	..	..	..	..
5,222	10,449	..	..	..	10,120	20,426	..	..	200
..	..	..	..	..	3,612	21,276	..	..	..
..	3,310	53,226	1	1,193	..	..	..	..	..
159	2,338	5,271	..	..	6,472	50,053	720	..	..
2,398	8,812	..	..	84	115,994	(a) 437,050	1,570	896	4,209
272,550	1,131,800	1,439,407	308	183,481	219,129	1,237,379	85,157	2,289	7,325
246,675	1,106,321	1,404,539	310	183,176	151,658	957,507	84,121	10,948	5,041
245,007	1,095,919	1,054,986	310	182,777	162,256	977,392	84,358	7,881	5,265
257,081	1,236,268	791,327	401	16,985	128,149	806,629	77,254	4,701	5,282
244,966	1,135,089	800,972	285	15,222	280,770	1,467,382	132,781	5,243	5,812

## STATEMENT XII.

*Area of plantations and the cost of the year's work*

PROVINCE.	AREA IN ACRES AT CLOSE OF THE YEAR.			Cost of operations during the year.
	Regular Plantations.	Taungyas.	Total.	
(1)	(2)	(3)	(4)	(5)
Bengal .. .. .	1,184	115	1,299	723
United Provinces .. .. .	5,074	..	5,074	2,475
Punjab .. .. .	(a) 175	..	175	4,669
Burma .. .. .	3,505	76,020	80,224	23,991
Bihar and Orissa .. .. .	909	..	909	(b) 893
Assam .. .. .	3,216	..	3,216	6,364
Central Provinces .. .. .	786	5,485	6,271	502
Coorg .. .. .	2,062	1,973	4,035	2,571
North-West Frontier Province .. .. .	..	..	..	..
Ajmer .. .. .	65	..	65	2,202
Baluchistan .. .. .	40	..	40	281
Andamans .. .. .	871	1,300	2,171	6,081
Madras .. .. .	30,079	2,481	32,560	149,175
Bombay .. .. .	12,572	..	12,572	25,924
Total 1911-12 .. .. .	60,634	87,083	148,617	2,25,850
„ 1910-11 .. .. .	59,092	87,080	146,181	2,04,725
„ 1909-10 .. .. .	62,078	84,721	146,799	2,76,920
„ 1908-09 .. .. .	58,780	84,123	142,903	2,35,803
„ 1907-08 .. .. .	61,245	83,171	144,416	2,36,966

(a) 680 acres excluded during the year.

## STATEMENT XIII.

## Outturn of forest produce.

PROVINCE.	RESERVED FORESTS.		PROTECTED FORESTS.		UNCLASSIFIED FORESTS.		TOTAL.		AVERAGE OUTTURN PER SQUARE MILE.							
	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	RESERVED FORESTS.		PROTECTED FORESTS.		UNCLASSIFIED FORESTS.		TOTAL.	
									Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
Bihar .. ..	20,769,405	2,33,567	17,33,125	20,428	1,127,323	30,357	23,629,943	2,84,342	4,454	50	1,013	12	280	8	2,271	27
United Provinces .. ..	17,617,250	8,38,617	548,032	4,504	33,558	1,069	18,108,840	8,44,100	4,279	204	16,268	150	1,157	37	4,358	202
Punjab .. ..	8,891,295	11,00,116	10,256,279	11,93,933	1,364,810	51,193	20,512,384	23,45,242	4,027	498	1,971	229	1,040	30	2,352	260
Burma .. ..	12,244,718	3,58,409	..	..	36,611,006	3,05,708	48,855,724	6,64,115	469	14	..	..	329	3	356	5
Bihar and Orissa .. ..	2,533,003	84,730	14,434,574	2,51,773	2,876	..	16,970,453	3,36,512	1,474	49	13,656	238	..	..	6,113	121
Assam .. ..	1,383,886	90,762	..	..	12,898,851	6,72,436	14,287,737	7,63,198	321	21	..	..	701	37	620	34
Central Provinces .. ..	32,027,104	18,40,258	..	..	..	..	32,027,104	18,40,258	1,522	87	..	..	..	..	1,522	87
Coorg .. ..	2,65,991	22,797	168,715	200	..	..	434,706	22,997	512	44	..	..	..	..	836	44
North-West Frontier Province	(a) 1,078,889	41,050	..	..	..	..	1,078,889	41,050	4,572	174	..	..	..	..	4,572	174
Ajmer .. ..	3,41,880	22,847	..	115	..	..	3,41,880	22,002	2,408	161	..	..	..	..	2,408	162
Baluchistan .. ..	68,947	43,486	..	..	271,069	62	340,016	43,648	220	140	..	..	574	..	433	55
Andamans .. ..	1,297,238	2,406	..	..	965,936	2,018	2,263,174	4,481	8,310	16	..	..	480	1	1,043	2
Madras .. ..	10,107,743	18,00,756	..	..	(c) 9,029,121	(c) 50,028	23,136,864	18,50,784	1,027	97	..	..	(b)	(b)	(b)	(b)
Bombay .. ..	48,906,164	16,71,044	1,210,545	..	..	..	60,116,709	15,71,044	4,083	131	2,446	..	..	..	4,018	126
Total 1911-12 .. ..	186,638,693	80,50,004	23,351,270	14,70,053	62,304,650	11,12,869	257,104,423	1,06,84,726	1,732	84	3,887	173	450	6	1,059	44
" 1910-11 .. ..	160,096,640	73,24,167	37,918,742	8,51,101	62,567,784	18,52,461	260,583,175	95,27,823	1,061	76	4,467	100	451	10	1,070	39
" 1909-10 .. ..	148,584,547	65,72,915	35,563,065	5,10,100	50,084,418	12,23,313	241,132,030	83,11,418	1,540	68	4,035	59	406	0	982	34
" 1908-09 .. ..	Full details not available.						232,035,805	70,00,028	Full details not available.							
" 1907-08 .. ..							231,983,123	82,67,161								

(a) Excludes lapwood or reaved timber.

(b) The area of land from which revenue has been derived is not known.

(c) Outturn of reserved and unreserved lands.



## STATEMENT XIV.

## Forest produce removed by different agencies.

## Part I.—Timber and Fuel.

Province.	TIMBER.					FUEL.				
	By Govern- ment.	By purchasers.	By free grantees.	By right holders.	Total.	By Govern- ment.	By purchasers.	By free grantees.	By right holders.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Bengal .. .. .	149,748	6,450,390	3,612	..	6,603,750	29,655	15,179,142	29,671	1,787,525	17,026,193
United Provinces .. .. .	72,313	5,864,526	60,404	2,90,260	6,287,593	886,410	7,903,830	314,297	2,806,001	11,011,547
Punjab .. .. .	408,216	2,416,575	128,089	1,154,452	4,103,232	1,045,145	2,716,276	121,432	12,521,299	16,404,132
Burma .. .. .	2,510,444	28,121,793	1,031,322	1,570,406	33,233,965	707,432	13,721,808	221,935	880,564	15,621,739
Bihar and Orissa .. .. .	15,132	854,591	35,120	205,374	1,110,417	12,875	1,839,813	3,474	14,003,574	15,860,036
Assam .. .. .	377,382	4,486,757	601,905	..	5,465,844	17,474	4,038,649	4,758,570	7,200	8,821,803
Central Provinces .. .. .	738,147	5,794,618	159,210	31,124	6,723,099	1,148,780	21,733,884	1,009,520	1,421,812	23,304,005
Coorg .. .. .	163,093	252,973	2,475	..	318,531	11,275	104,906	..	..	116,175
North-West Frontier Province .. .. .	6,635	488,350	25,416	5,530	5,25,940	122,959	379,026	15,984	34,080	552,040
Ajmer .. .. .	42	2,309	..	1,786	4,137	60,600	275,174	1,900	..	337,743
Baluchistan .. .. .	2,247	5,121	11,520	..	18,894	82,791	2,38,331	..	..	321,122
Andamans .. .. .	474,781	39,641	32,535	46,548	593,505	1,316,480	51,120	260,240	41,290	1,666,660
Madras .. .. .	782,576	(a) 2,997,880	169,837	52,551	(a) 3,993,847	12,557,893	(b) 11,390,649	44,616	154,850	(b) 24,148,017
Bombay .. .. .	859,001	4,205,230	103,825	120,000	5,319,046	4,199,828	27,874,407	40,805	12,652,623	44,767,863
Total 1911-12 .. .. .	6,560,737	62,036,563	2,356,266	3,478,234	74,331,800	22,289,681	107,437,118	6,822,664	46,312,617	182,862,623
" 1910-11 .. .. .	6,754,486	60,347,327	2,148,514	3,261,808	72,512,145	21,811,830	110,721,396	6,723,782	75,000,022	188,071,050
" 1909-10 .. .. .	6,734,068	54,516,295	2,130,721	2,609,490	65,990,597	22,413,511	90,751,966	5,011,220	56,065,627	175,142,333
" 1908-09 .. .. .	6,758,266	53,274,103	1,814,338	2,503,157	64,409,894	20,104,263	94,238,730	6,157,792	47,125,166	107,625,971
" 1907-08 .. .. .	7,823,671	52,065,071	2,112,514	2,464,266	65,365,555	21,546,742	92,016,666	7,653,314	48,400,846	160,616,568

(a) Exclusive of 8,507 cubic feet obtained by confiscation.

(b) Exclusive of 19,735 cubic feet obtained by confiscation.

## STATEMENT XIV—contd.

## Forest produce removed by different agencies—contd.

## Part II.—Value of minor forest produce.

PROVINCE.]	BAMBOOS.					GRAZING AND FODDER GRASS.					OTHER MINOR PRODUCE.				
	By Govern-ment.	By purcha-sers.	By free grantees.	By right holders.	Total.	By Govern-ment.	By purcha-sers.	By free grantees.	By right holders.	Total.	By Govern-ment.	By Purcha-sers.	By free grantees.	By right holders.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal .. ..	18	51,243	5	10,384	61,630	..	53,581	6,885	26,077	86,553	176	1,85,252	191	..	1,36,169
United Provinces ..	132	2,28,170	505	1,046	229,853	162	1,31,585	33,570	78,867	2,44,184	1,30,500	2,31,123	5,016	2,524	3,70,163
Punjab .. ..	3,260	11,744	..	338	15,340	1	1,76,127	11,570	19,87,629	21,75,287	98,005	12,248	17	44,345	1,54,615
Burma .. ..	103	2,17,471	338	15,850	2,33,852	..	6,420	16,929	2,09,050	2,32,408	3,568	150,772	716	42,700	1,07,855
Bihar and Orissa ..	13,253	23,738	167	20,035	57,193	..	7,845	55	82,370	90,279	1,132	56,152	10	1,31,737	1,89,040
Assam .. ..	131	37,878	5,850	..	43,808	..	49,524	102 100	15	2,41,639	43,810	1,05,011	2,38,840	..	4,77,091
Central Provinces ..	8,684	2,07,160	3,209	9,575	2,28,628	2,00,741	10,41,389	36,703	17,559	12,96,392	9,335	2,00,379	7,047	8,477	3,15,238
Coorg .. ..	..	1,273	47	..	1,320	..	601	..	52	653	..	21,019	..	5	21,024
North-West Frontier Province	..	..	..	..	..	..	11,618	22,976	6,210	40,804	129	110	7	..	246
Ajmer .. ..	..	556	..	..	556	883	1,117	..	17,004	20,914	380	1,106	..	..	1,492
Baluchistan .. ..	..	..	..	..	..	..	1,389	103	41,470	42,859	32	565	92	..	689
Andamans .. ..	40	30	272	117	465	..	..	..	..	..	911	207	2,706	135	4,019
Madras .. ..	97,124	2,03,785	2,778	358	3,04,045	1,465	6,31,861	575	3,248	6,37,149	50,933	8,50,590	536	1,511	9,09,599
Bombay .. ..	271	83,318	1,323	22,814	1,12,721	1,36,897	4,75,201	30,531	443,878	10,80,507	1,20,349	1,75,988	1,365	74,114	3,71,810
Total 1911-12 ..	1,23,106	10,71,367	14,503	80,495	10,89,471	3,40,149	25,90,178	3,51,957	20,13,447	61,95,628	4,59,910	21,26,552	2,57,512	3,05,647	31,49,627
" 1910-11 ..	1,20,352	9,44,280	12,204	84,104	11,60,940	16,521	24,63,347	2,67,505	22,14,020	49,55,393	2,83,744	20,52,922	2,76,733	7,07,507	34,10,005
" 1909-10 ..	1,15,827	9,26,627	9,204	1,03,050	11,54,807	15,668	25,19,907	2,45,630	8,12,436	35,93,647	3,48,747	21,07,944	2,48,075	8,58,198	35,62,964
" 1908-09 ..	1,10,111	7,59,323	..	(a) 1,00,851	9,61,295	Included in columns 12-16				..	2,95,435	45,90,483	4,79,059	15,73,766	69,38,743
" 1907-08 ..	1,39,005	7,51,533	..	(a) 2,37,202	11,27,929	Included in columns 12-16				..	3,32,571	46,53,785	7,08 185	13,84,749	71,39,241

(a) Includes free grants.

## STATEMENT XV.

*Exports of forest produce.*

ARTICLES OF FOREST PRODUCE.	QUANTITY IN TONS OF 20 CWT. IN THE CASE OF TEAK, CUBIC TONS.		VALUATION AT PORT OF SHIP- MENT IN 1911-12.	
	Average of 5 years 1906-07 to 1910-11.	In 1911-12.	Total.	Per ton.
(1)	(2)	(3)	(4)	(5)
			Rs.	Rs.
Caoutchouc, (raw) .. .. .	149	448	34,59,037	7,721
Lac .. { Button .. .. .	1,888	1,484	15,57,306	1,049
Shell .. .. .	16,258	17,559	1,78,11,215	1,014
Stick, seed and other kinds ..	1,747	2,357	7,71,884	327
Cutch and gambier .. .. .	3,838	4,030	12,98,002	320
Myrsabolams .. .. .	72,483	61,683	50,02,796	81
Cardamums .. .. .	127	135	4,06,323	3,010
Sandal, Ebony and other ornamental woods ..	(a)	(a)	13,53,194	..
Teak .. .. .	39,934	48,375	73,15,790	151
Other timbers (excluding firewood) .. ..	5,131	6,620	6,61,385	100
Total 1911-12 ..			3,96,36,932	
" 1910-11 ..			4,26,71,543	
" 1909-10 ..			(b) 4,20,96,717	
" 1908-09 ..			(b) 4,06,20,228	
" 1907-08 ..			5,63,89,672	

(a) Quantity (whether by weight or measurement) not recorded.

(b) Corrected figure. Includes "other timbers" previously excluded.

## STATEMENT XVI

*Estimated value of forest produce given away free or at reduced rates.*

PROVINCE.	Timber.	Fuel.	Bamboos.	Grass and grazing.	Other Minor produce.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal .. .. .	193	18,655	10,369	32,902	191	62,370
United Provinces .. .. .	41,474	45,075	1,551	1,10,073	8,440	2,16,813
Punjab .. .. .	50,559	6,38,543	336	20,15,564	44,362	27,49,364
Burma .. .. .	2,07,107	7,166	18,966	2,25,988	40,737	4,09,964
Bihar and Orissa .. .. .	17,637	1,24,450	20,202	82,434	1,31,756	3,76,479
Assam .. .. .	32,761	66,279	5,859	1,92,716	2,38,837	5,36,452
Central Provinces .. .. .	14,760	70,042	38,470	2,93,606	46,713	4,63,591
Coorg .. .. .	..	..	102	52	..	154
North-West Frontier Province .. .. .	3,682	1,029	..	29,086	107	33,904
Ajmer .. .. .	223	190	..	17,004	85	17,502
Baluchistan .. .. .	(a) 1,000	..	..	41,470	195	42,665
Andamans .. .. .	1,593	7,552	389	..	2,901	12,435
Madras .. .. .	36,595	4,015	3,136	3,909	34,611	72,266
Bombay .. .. .	1,14,350	8,02,072	24,137	7,07,871	2,55,479	19,03,909
Total 1911-12 .. .. .	5,21,934	17,85,668	1,23,517	37,62,335	7,94,414	69,87,868
„ 1910-11 .. .. .	4,95,091	13,50,942	1,24,953	26,03,134	7,84,434	53,58,554
„ 1909-10 .. .. .	5,91,704	12,73,626	1,12,783	19,86,080	7,07,099	36,71,292
„ 1908-09 .. .. .	4,95,943	16,46,785	1,00,851	13,50,711	10,03,160	45,97,450
„ 1907-08 .. .. .	5,12,037	16,42,333	2,37,292	18,85,296	6,76,361	49,53,319

(a) Estimated figure.

## STATEMENT XVII.

*Details of revenue and expenditure for the Forest year, 1911-12.*

								Rs.	
Gross Receipts ..	(a) Wood .. .. .	..	..	..	..	..	..	2,15,01,709	
	(b) Minor forest produce .. .. .	..	..	..	..	..	..	30,35,427	
	(c) Forest stamps and commutation fees for forest produce .. .. .	..	..	..	..	..	..	1,33,413	
	(d) Grazing .. .. .	..	..	..	..	..	..	26,00,085	
	(e) Revenue from forests not managed by Government .. .. .	..	..	..	..	..	..	3,13,026	
	(f) Miscellaneous .. .. .	..	..	..	..	..	..	12,88,434	
Total Revenue ..								2,88,73,084	
A. Recurring ..	(a) Adminis- tration.	(i) Superior Staff .. ..	..	..	..	..	..	33,87,802	
		(ii) Subordinate Staff (including Ran- gers, Foresters and Guards).	..	..	..	..	..	..	30,77,272
		(iii) Office Establishments (including Contingencies).	..	..	..	..	..	..	16,84,472
	(b) Working	(1) Extraction .. ..	..	..	..	..	..	..	42,23,303
		(2) Roads and Buildings .. ..	..	..	..	..	..	..	14,07,830
		(3) Fire-protection .. ..	..	..	..	..	..	..	6,72,404
		(4) Cultural operations .. ..	..	..	..	..	..	..	7,05,858
		(5) Live-stock, stores and plant .. ..	..	..	..	..	..	..	5,97,840
		(6) Working-Plans .. ..	..	..	..	..	..	..	74,000
		(7) Rent for leased forests .. ..	..	..	..	..	..	..	3,04,954
		(8) Miscellaneous .. ..	..	..	..	..	..	..	2,29,051
	(c) Expenditure on realization of revenue from forests not managed by Government.	..	..	..	..	..	..	7,211	
	(d) Forest Science and Education (including all "A" and "B" charges of Imperial Forest College and Research Institute*.)	..	..	..	..	..	..	2,62,627	
	Total ..								1,66,94,630
	B. Extraordinary ..	(e) Forest Settlement .. ..	..	..	..	..	..	..	6,94,236
		(f) Forest Survey .. ..	..	..	..	..	..	..	30,651
		(g) Forest Demarcation .. ..	..	..	..	..	..	..	1,44,607
	Total ..								3,78,494
GRAND TOTAL OF EXPENDITURE ..								1,70,73,144	
Net Revenue ..								1,17,99,940	

\* Expenditure under this head in provinces has been included in (a) administration.



## Summary of revenue and expenditure of the

BUDGET HEADS. (1)	Imperial. (2)	Bengal (3)	United Provin- ces. (4)	Punjab. (5)	Burma. (6)	Bihar and Orissa. (7)	Assam. (8)
REVENUE	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Timber and other produce removed from the forests by Government agency	5,299	23,647	2,89,599	2,28,841	26,12,112	20,696	2,31,992
II.—Timber and other produce removed from the forests by consumers or purchasers.	5,381	10,61,273	26,10,292	8,63,633	66,80,656	3,73,588	7,27,982
III.—Drift and waif wood and confiscated forest produce.	..	4,632	19,982	54,062	2,53,586	194	22,568
IV.—Revenue from forests not managed by Government.	..	..	7,820	5,031	1,86,548	..	91,842
V.—Miscellaneous .. ..	..	32,890	88,461	1,58,510	2,25,602	12,735	71,936
Total Revenue .. ..	(a) 10,680	11,22,442	30,16,160	13,10,077	99,67,594	4,07,213	11,46,320
EXPENDITURE							
A.—CONSERVANCY AND WORKS.							
I.—Timber and other produce removed from the forest by Government Agency.	485	14,964	1,73,127	1,02,457	8,10,300	14,202	2,02,570
II.—Timber and other produce removed from the forests by consumers or purchasers.	..	1,05,481	56,436	6,476	1,12,283	10,007	11,047
III.—Drift and waif wood and confiscated forest produce.	..	1,218	5,648	23,278	99,550	1	376
IV.—Revenue from forests not managed by Government.	..	..	4,151	..	159	..	4,282
V.—Rent of leased forests and payments to shareholders in forests managed by Government.	..	41,308	69,681	45,237	..	41,308	36,631
VI.—Live-stock, stores, tools and plant	..	39,327	33,484	10,746	1,49,825	3,550	28,908
VII.—Communications and buildings ..	..	76,839	2,04,358	66,894	3,06,820	49,903	95,518
VIII.—Demarcation, improvement and extension of forests.	379	40,546	1,99,414	40,626	4,76,448	24,021	37,749
IX.—Miscellaneous .. ..	..	4,431	33,537	6,769	35,534	2,352	6,881
Total A.—Conservancy and Works	(b) 864	3,24,114	7,79,836	3,11,483	10,90,919	1,45,344	4,23,062
B.—ESTABLISHMENTS.							
I.—Salaries .. ..	(d) 93,492	3,20,904	4,63,532	3,43,811	17,62,227	1,28,808	3,31,972
II.—Travelling Allowances .. ..	(c) 134	48,077	72,803	70,229	2,98,076	21,083	55,769
III.—Contingencies .. ..	(c) 224	13,279	47,502	39,623	79,940	5,681	29,310
Total B.—Establishments ..	93,850	3,82,260	5,83,837	4,53,663	21,40,243	1,55,572	4,17,051
GRAND TOTAL OF EXPENDITURE ..	94,714	7,06,374	13,63,673	7,65,146	41,31,162	3,00,916	8,41,013
SURPLUS .. ..	..	4,16,068	16,52,487	5,44,931	58,36,432	1,06,297	3,05,307
DEFICIT .. ..	84,034	..	..	..	..	..	..
Proportion of surplus to gross revenue..	..	37	55	42	59	26	27
Net revenue per square mile of forest area under control of Forest Department.	..	40	396	62	42	38	13

(a) Represents revenue derived from Indore, also Rs. 315 from Bangalore.

(b) " expenditure on account of Indore, also Rs. 74 on account of Bangalore.

## MENT XVIII.

Forest Department in India for the financial year 1911-12.

Central Provinces. (9)	Coorg. (10)	North- West Frontier Province. (11)	Ajmer. (12)	Baluchistan. (13)	Andamans. (14)	Imperial Forest College and Research Institute. (15)	Forest Surveys, (Imperial). (16)	Madras. (17)	Bombay. (18)	TOTAL. (19)
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
2,29,392	2,22,921	44,334	8,160	10,110	5,14,901	..	..	14,94,015	15,19,060	74,55,069
22,14,275	60,557	98,331	16,724	2,357	6,726	..	..	23,65,358	26,77,793	1,97,73,926
1,654	..	379	27	..	..	..	..	16,904	5,268	3,79,256
150	..	4,162	..	7,336	..	..	..	..	9,191	3,12,086
1,04,383	11,692	10,965	1,460	314	533	5,550	..	2,92,644	1,19,257	11,37,022
25,49,854	2,95,170	1,58,171	26,361	20,117	5,22,160	5,550	..	41,68,921	43,30,569	2,90,57,359
1,53,504	24,659	17,094	4,489	6,991	1,37,058	..	..	7,27,990	9,13,834	33,03,724
1,17,746	..	203	250	..	..	..	..	1,19,772	41,045	5,90,806
22	..	15	..	..	..	..	..	1,714	359	1,32,181
..	..	..	..	187	..	..	..	..	..	8,779
..	..	7,960	..	..	..	..	..	17,118	33,960	2,93,203
79,209	8,500	518	96	101	61,524	8,214	..	1,55,600	67,298	6,46,900
1,85,073	4,110	7,608	551	324	2,563	10,492	..	3,56,553	1,09,014	14,77,520
1,97,522	15,222	3,718	2,987	71	6,762	..	38,798	5,97,444	1,48,545	18,39,252
25,838	1,094	1,561	193	290	2,142	18,995	..	9,686	74,606	2,23,909
7,58,914	53,685	38,737	8,566	7,904	2,10,049	37,701	38,798	19,85,877	13,80,561	85,06,274
9,05,862	57,759	41,481	11,019	18,315	45,328	1,83,789	..	10,95,650	10,92,721	68,06,670
89,680	7,876	6,157	1,754	2,183	5,591	14,593	..	2,24,545	1,24,276	10,42,826
83,923	1,954	3,061	1,004	485	764	27,358	..	1,08,810	57,878	5,00,796
10,79,465	67,589	50,699	13,777	20,983	51,683	2,25,740	..	14,29,005	12,74,875	84,40,292
18,38,379	1,21,174	89,496	22,343	28,947	2,61,732	2,63,441	38,798	34,14,882	26,64,436	1,69,46,566
7,11,475	1,73,996	68,735	4,018	..	2,60,428	..	..	7,54,039	16,66,133	1,21,10,703
..	..	..	..	8,830	..	2,57,891	38,798	..	..	..
28	59	43	15	..	50	..	..	18	38	42
34	335	291	28	..	120	..	..	30	131	..

(c) Represents expenditure on account of Indore.

(d) Includes Rs. 2,801 expenditure on account of Indore and Rs. 3 on account of Bangalore.



STATE  
*Revenue, expenditure and surplus of the Forest Department*  
 (I) RE

PROVINCE	1887-88.	1888-89.	1889-90.	1890-91.	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial* .. ..	4,847	4,017	4,750	6,370	6,688	5,240	2,630	4,080	2,690	4,100	10,130	17,540
Bengal† .. ..	6,57,794	6,76,007	7,08,718	7,27,392	7,80,553	7,44,880	8,01,610	7,05,670	9,18,710	13,70,850	11,89,280	9,72,310
United Provinces ..	12,47,454	14,62,802	17,14,150	16,37,879	17,31,514	16,52,540	17,09,860	16,58,250	16,01,340	14,44,620	13,69,670	15,69,040
Punjab .. ..	7,86,930	10,45,768	9,21,713	8,34,370	10,20,074	8,12,630	9,13,300	10,32,430	10,14,300	11,07,720	10,68,470	14,74,430
Burma .. ..	25,15,773	41,89,233	49,40,780	43,21,068	41,85,414	50,60,000	57,85,100	54,36,780	56,95,830	63,78,950	72,15,260	83,50,890
Bihar and Orissa ..	..	..	..	..	..	..	..	..	..	..	..	..
Assam‡ .. ..	2,67,312	3,03,882	3,70,498	3,26,793	3,36,129	3,82,830	4,88,500	4,35,000	4,25,030	4,36,440	3,84,820	3,93,180
Central Provinces ..	15,00,412	15,88,382	16,00,722	17,00,570	18,71,085	16,61,870	16,17,280	14,82,030	14,91,280	12,91,140	11,80,400	14,34,040
Coorg .. ..	1,27,023	1,36,183	92,753	1,35,561	1,82,897	1,80,680	1,73,790	1,53,050	1,35,250	93,000	1,30,910	1,55,070
North-West Frontier Province ..	..	..	..	..	..	..	..	..	..	..	..	..
Ajmer .. ..	14,293	13,574	11,592	15,266	19,799	14,800	14,620	12,840	15,640	12,370	15,540	14,420
Baluchistan .. ..	14,063	5,668	13,697	15,724	20,609	19,030	20,730	16,300	14,930	15,400	15,040	14,920
Andamans .. ..	1,04,082	1,06,075	1,02,105	1,58,326	2,72,338	3,60,490	4,41,790	1,14,530	1,32,120	3,82,370	4,33,710	2,29,460
Imperial Forest College and Research Institute.	777	449	1,237	1,184	1,788	1,090	1,090	2,790	4,310	2,850	2,800	2,360
Forest Surveys (Imperial)	40	315	220	2,104	237	520	240	80	510	400	220	290
Total .. ..	72,40,791	95,33,255	1,06,08,249	99,83,507	1,04,38,145	1,14,07,580	1,10,71,400	1,11,44,820	1,14,62,140	1,25,20,470	1,30,42,340	1,46,32,850
Madras .. ..	13,74,920	15,16,006	15,57,627	17,05,408	16,04,216	15,77,210	19,47,180	18,94,030	21,10,570	23,03,330	21,36,400	21,10,520
Bombay .. ..	30,32,577	28,50,190	31,37,696	32,88,220	32,84,649	32,69,550	37,94,350	37,60,030	35,36,670	30,32,710	26,16,600	22,95,150
GRAND TOTAL ..	1,16,48,288	1,38,98,451	1,53,03,572	1,49,67,135	1,54,17,010	1,63,44,340	1,77,13,020	1,67,88,880	1,70,99,380	1,78,56,510	1,77,95,490	1,90,38,520

(II) EXPEN												
Imperial* .. ..	78,628	86,199	81,311	85,414	65,788	1,07,270	80,840	84,950	80,410	78,060	84,300	85,460
Bengal† .. ..	3,90,368	3,76,270	3,99,150	4,14,004	4,22,930	3,81,810	4,04,040	3,07,390	4,66,070	6,90,040	6,53,440	4,86,320
United Provinces ..	8,30,748	8,44,544	9,03,151	9,19,195	9,58,211	9,28,540	9,63,020	9,36,310	9,42,860	9,06,340	9,17,850	9,72,030
Punjab .. ..	6,77,912	5,93,885	6,45,855	6,53,041	6,40,275	6,56,270	6,36,430	7,22,120	6,78,420	7,23,300	7,71,940	8,55,340
Burma .. ..	11,53,846	20,17,073	10,06,644	13,88,789	16,98,980	18,05,000	18,62,500	19,17,990	19,33,600	21,23,820	21,96,610	24,26,100
Bihar and Orissa ..	..	..	..	..	..	..	..	..	..	..	..	..
Assam‡ .. ..	2,26,892	2,00,905	2,57,129	2,83,852	2,67,525	2,64,070	2,08,220	2,72,010	2,86,140	2,82,010	2,88,830	3,05,360
Central Provinces ..	7,78,802	8,62,864	8,79,458	9,04,475	10,92,291	10,80,630	11,86,440	12,27,700	11,97,850	11,02,860	11,65,490	11,09,400
Coorg .. ..	72,629	80,175	72,420	65,818	86,860	73,090	86,890	86,140	85,840	71,630	87,020	80,100
North-West Frontier Province ..	..	..	..	..	..	..	..	..	..	..	..	..
Ajmer .. ..	18,897	15,670	12,701	12,720	13,986	15,000	15,900	14,900	15,730	22,910	14,670	16,300
Baluchistan .. ..	17,753	15,994	17,962	20,450	30,407	55,620	63,730	40,910	41,770	29,770	27,330	27,760
Andamans .. ..	62,679	57,295	94,075	1,30,052	1,70,909	2,31,210	2,44,550	1,22,780	1,02,020	3,16,600	2,47,740	1,38,400
Imperial Forest College and Research Institute.	33,120	32,061	29,640	35,101	44,347	50,400	65,530	65,980	67,950	67,380	60,920	63,370
Forest Surveys (Imperial)	32,868	22,164	21,188	24,324	26,892	22,160	27,900	29,840	29,950	31,970	33,950	33,970
Total .. ..	43,75,149	52,15,005	50,80,590	49,46,325	54,38,471	56,70,870	59,95,990	59,10,020	59,28,610	65,41,690	65,49,690	66,00,000
Madras .. ..	11,29,212	12,20,794	11,61,237	12,46,913	13,24,254	13,30,390	13,62,770	13,86,350	14,45,610	15,34,700	15,72,850	15,94,670
Bombay .. ..	19,44,005	16,93,962	17,70,691	18,60,887	19,31,457	19,04,970	20,71,940	20,67,920	19,58,390	19,60,160	20,73,190	18,39,250
GRAND TOTAL ..	74,48,366	81,29,761	80,12,518	80,03,125	86,94,182	89,06,230	93,40,700	93,73,290	93,32,610	1,00,45,150	1,01,95,730	1,00,33,920

(III)												
Imperial* .. ..	-73,779	-82,182	-76,552	-79,044	-59,100	-1,02,030	-78,160	-70,970	-77,720	-74,860	-65,170	-67,820
Bengal† .. ..	2,67,426	3,00,637	3,70,568	3,13,388	3,66,623	3,63,270	3,97,570	3,89,280	4,52,640	6,80,810	5,35,840	4,85,990
United Provinces ..	4,16,706	6,18,258	7,51,008	7,18,684	7,73,303	7,24,000	7,46,840	7,21,040	6,58,480	6,33,460	4,68,820	5,96,090
Punjab .. ..	1,00,024	4,51,883	2,75,858	1,81,329	3,70,769	1,56,360	2,76,870	3,10,310	3,36,080	3,84,420	2,96,530	6,19,610
Burma .. ..	13,61,927	21,72,160	33,34,142	29,33,179	24,86,434	38,55,000	39,22,600	35,18,790	37,62,230	42,50,130	50,18,650	59,24,700
Bihar and Orissa ..	..	..	..	..	..	..	..	..	..	..	..	..
Assam‡ .. ..	40,420	93,977	1,22,369	42,041	68,604	1,18,760	2,20,280	1,63,080	1,38,890	1,54,430	95,990	92,820
Central Provinces ..	7,21,610	7,25,518	7,17,264	7,96,095	8,68,804	5,81,240	4,30,840	2,54,330	2,93,430	98,280	14,910	3,25,540
Coorg .. ..	54,399	56,008	20,333	69,743	96,037	1,07,590	86,900	66,910	49,410	21,370	43,890	74,070
North-West Frontier Province ..	..	..	..	..	..	..	..	..	..	..	..	..
Ajmer .. ..	-4,004	-2,102	-1,109	2,546	5,813	-110	-1,280	-2,000	-90	-9,640	870	-1,890
Baluchistan .. ..	-3,699	-10,326	-4,065	-13,726	-9,898	-36,590	-43,000	-24,610	-26,840	-14,310	-12,200	-12,840
Andamans .. ..	41,383	48,780	67,220	28,874	92,429	1,29,280	1,97,240	8,250	-30,100	46,770	1,86,370	91,060
Imperial Forest College and Research Institute.	-32,832	-22,512	-28,409	-34,007	-42,559	-48,420	-63,540	-63,190	-63,640	-64,530	-58,030	-61,010
Forest Surveys (Imperial)	-32,823	-21,849	-20,068	-22,220	-26,625	-21,640	-27,060	-29,770	-29,440	-31,570	-33,730	-33,680
Total .. ..	23,05,642	43,18,250	53,27,650	49,37,182	49,99,674	58,26,710	60,65,600	52,28,800	55,23,530	59,78,790	64,92,650	80,32,850
Madras .. ..	2,45,703	2,91,212	3,06,392	5,48,495	7,69,062	2,46,810	5,84,410	5,07,080	6,64,960	7,69,030	5,63,640	5,16,850
Bombay .. ..	10,88,572	11,56,223	13,67,005	14,16,333	13,53,192	13,84,580	17,22,410	10,82,110	15,78,260	10,63,550	5,43,470	4,54,000
GRAND TOTAL ..	41,99,922	57,03,690	72,01,054	69,04,910	67,23,823	74,38,110	83,72,320	74,15,500	77,66,770	78,11,360	75,99,760	80,04,660

\* Includes pay of Inspector General of Forests, Assistant Inspector General of Forests, Office Establishment and undistributable and petty local items and revenue and  
 † Includes figures up to 1910-11 for districts subsequently transferred to Bihar and Orissa  
 ‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred to Bengal.

throughout India during the 25 financial years from 1887-88 to 1911-12.

VENUE.

1889-90.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	PROVINCE.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
6,090	2,463	3,484	3,650	7,455	3,768	7,255	..	7,666	8,189	10,632	8,662	10,680	Imperial *
11,38,010	12,33,330	12,92,237	12,56,247	10,65,523	11,67,472	11,18,542	10,65,850	11,07,650	11,84,845	10,80,640	11,67,444	11,22,442	Bengal. †
16,14,740	15,05,463	17,15,508	20,25,324	22,80,446	23,97,318	24,33,428	25,02,064	24,09,745	21,76,406	23,01,164	23,78,439	30,16,160	United Provinces
14,00,770	18,50,842	14,47,558	15,86,408	17,17,797	18,74,447	17,81,053	10,05,284	14,57,440	12,88,702	10,32,633	12,17,988	13,10,077	Punjab.
78,12,050	80,54,444	58,73,938	67,39,053	82,08,535	89,59,756	1,03,29,860	98,12,510	85,63,989	10,92,032	93,58,077	1,00,70,117	99,67,591	Burma.
..	..	..	..	..	..	..	..	..	..	..	..	4,07,213	Bihar and Orissa
5,68,100	5,49,521	5,12,063	5,80,200	6,75,732	8,15,677	11,06,096	13,20,592	14,30,447	14,46,368	15,34,732	18,90,635	11,46,320	Assam. ‡
12,07,490	12,65,614	15,79,116	16,84,429	19,98,932	20,13,459	24,40,131	24,01,159	22,90,128	20,78,162	20,78,340	21,14,226	25,40,854	Central Provinces and Berar, Coorg.
1,62,410	1,37,590	1,70,242	1,90,730	2,24,031	1,93,987	2,45,410	2,35,909	2,74,756	2,24,330	2,13,129	2,76,055	2,95,170	North-West Frontier Province, Ajmer.
..	..	13,012	1,01,123	1,01,813	90,991	1,28,520	1,83,214	2,38,490	1,22,782	1,73,305	2,05,342	1,58,171	North-West Frontier Province, Ajmer.
10,270	10,640	6,865	9,730	13,884	17,297	15,002	18,335	20,864	27,616	23,000	33,846	26,361	Baluchistan.
17,060	16,956	14,712	19,316	18,363	22,555	21,491	21,165	24,829	23,305	18,729	23,212	20,117	Andamans.
2,60,600	2,77,886	2,66,903	3,25,035	4,32,381	6,20,796	5,82,511	6,07,027	2,19,822	2,02,018	2,59,477	4,16,773	5,22,160	Imperial Forest College and Research Institute Forest Surveys (Imperial).
3,210	3,697	3,645	3,252	3,034	3,557	3,080	4,570	6,137	4,680	4,900	4,080	5,560	..
420	327	473	3,034	431	..	..	..	..	..	..	..	..	..
1,42,92,120	1,44,68,794	1,20,00,556	1,45,25,503	1,05,07,481	1,81,80,176	2,02,21,090	1,97,78,336	1,83,22,072	1,79,78,524	1,80,80,757	1,08,06,619	2,05,57,869	Total
23,02,290	23,40,170	25,43,430	26,13,810	26,57,727	24,29,216	29,67,604	32,00,669	38,92,830	39,00,019	41,78,881	38,80,411	41,98,921	Madras.
24,15,200	29,61,529	23,79,729	23,29,166	27,51,579	30,20,558	34,84,903	34,22,481	36,46,177	35,87,356	37,67,056	37,18,221	43,30,560	Bombay.
1,90,09,610	1,97,70,493	1,78,23,715	1,94,71,540	2,22,16,747	2,40,29,930	2,66,74,593	2,84,01,486	2,58,62,970	2,54,50,790	2,60,25,794	2,74,05,454	2,90,57,359	GRAND TOTAL.
DITURE.													
96,550	83,578	79,639	85,017	89,345	83,053	83,767	93,472	1,00,204	1,04,183	1,04,332	92,000	94,714	Imperial *
5,45,210	5,70,506	6,57,131	6,39,014	7,03,509	6,84,589	5,83,509	6,33,386	7,13,394	5,83,031	5,91,099	6,43,285	7,00,374	Bengal. †
9,42,380	9,63,439	10,09,739	10,13,908	10,81,439	13,01,583	14,05,162	13,06,651	11,04,013	12,22,436	12,00,309	12,37,938	13,63,673	United Provinces
12,11,460	8,87,341	9,34,335	9,00,095	11,56,416	10,12,254	12,61,664	11,44,403	11,76,696	8,61,627	6,67,762	7,40,542	7,05,146	Punjab.
24,47,440	26,54,717	26,46,457	28,90,251	33,62,404	34,46,924	39,38,063	36,59,753	35,51,532	37,17,247	36,83,618	39,42,799	41,31,162	Burma.
..	..	..	..	..	..	..	..	..	..	..	..	3,00,916	Bihar and Orissa.
3,57,140	3,47,972	3,29,112	3,27,499	4,25,484	5,03,656	5,03,910	7,07,860	8,00,373	8,01,340	10,12,641	10,87,340	8,41,013	Assam. ‡
12,75,520	11,65,806	12,00,994	12,57,288	12,40,906	13,20,615	13,07,163	13,42,878	15,83,407	17,53,307	15,86,552	15,89,533	18,38,379	Central Provinces and Berar, Coorg.
74,220	70,905	82,733	89,437	92,191	83,820	95,744	1,02,856	1,04,919	99,595	1,07,822	1,07,679	1,21,174	North-West Frontier Province, Ajmer.
..	..	10,510	54,056	60,603	74,053	95,258	93,650	88,400	81,413	77,391	72,192	83,486	North-West Frontier Province, Ajmer.
15,350	16,782	15,927	16,377	16,690	15,541	17,131	16,716	18,168	19,016	19,272	19,018	22,343	Baluchistan.
29,680	29,254	24,480	23,240	21,697	24,672	25,743	26,322	31,259	36,586	26,549	26,387	28,947	Andamans.
1,40,940	1,40,127	2,04,667	2,81,702	2,66,121	3,42,131	3,35,985	2,95,136	2,29,267	1,80,941	1,94,160	2,26,063	2,61,732	Imperial Forest College.
73,550	71,238	76,290	66,938	59,339	61,424	80,669	1,37,486	1,68,094	1,83,101	1,90,174	2,10,183	2,63,441	Imperial Forest Surveys (Imperial).
33,950	34,091	33,730	33,985	33,935	28,220	30,914	30,399	27,080	30,128	41,062	41,140	38,708	..
72,42,720	70,36,024	73,17,154	77,37,338	86,40,126	90,77,054	99,65,826	95,92,056	97,76,649	97,64,900	95,17,031	99,47,695	1,08,67,218	Total.
16,53,530	17,15,431	17,09,554	18,35,552	17,60,030	19,86,039	22,66,602	21,80,660	27,60,857	29,17,261	33,30,635	32,25,801	34,14,882	Madras.
21,28,430	24,06,581	17,19,680	16,76,441	17,75,937	19,13,604	21,26,093	19,90,163	19,53,427	20,43,673	20,63,068	20,70,417	26,64,436	Bombay.
1,10,24,690	1,11,69,040	1,07,46,398	1,12,49,371	1,21,06,991	1,27,67,850	1,42,58,521	1,40,63,799	1,45,12,933	1,47,26,034	1,49,20,664	1,52,44,023	1,60,46,566	GRAND TOTAL.
SURPLUS.													
—90,400	—81,115	—70,065	—81,358	—81,890	—79,200	—78,512	—95,472	—92,538	—95,994	—93,700	—83,944	—84,034	Imperial *
5,93,700	5,62,533	6,35,106	6,18,213	5,62,015	4,78,863	5,25,033	4,32,473	4,84,256	6,00,864	4,89,541	5,21,150	4,16,069	Bengal. †
6,72,360	6,02,024	7,06,760	10,11,326	11,99,009	10,05,735	10,28,246	11,96,013	12,15,732	9,52,970	10,91,580	11,40,501	16,62,487	United Provinces
1,89,310	4,03,490	5,09,223	6,26,317	6,61,392	8,02,089	5,17,039	4,00,881	2,80,783	4,37,165	2,64,681	4,77,446	5,44,031	Punjab.
53,64,610	53,99,727	32,27,441	38,48,700	40,16,131	65,12,832	63,91,906	61,62,766	51,12,467	54,74,785	56,74,459	62,27,318	58,50,432	Burma.
..	..	..	..	..	..	..	..	..	..	..	..	1,06,297	Bihar and Orissa
2,10,960	2,01,540	1,83,851	2,52,701	2,50,248	3,12,021	5,12,186	6,12,732	6,30,974	5,55,019	5,22,191	8,03,295	3,05,307	Assam. ‡
21,670	99,746	3,78,212	4,27,140	7,17,066	9,02,844	11,41,978	10,64,281	7,06,721	3,24,656	4,91,488	5,24,693	7,11,475	Central Provinces and Berar, Coorg.
88,100	60,691	87,909	1,01,293	1,31,840	1,00,267	1,49,671	1,33,054	1,60,937	1,21,735	1,04,307	1,68,376	1,73,096	North-West Frontier Province, Ajmer.
..	..	—6,499	47,038	41,230	16,933	33,271	89,661	1,60,090	41,369	95,914	1,32,850	88,735	North-West Frontier Province, Ajmer.
—5,060	—6,136	—9,062	—6,641	—2,796	1,656	—2,129	1,620	11,676	7,609	4,718	13,928	4,019	Baluchistan.
—11,620	—12,298	—9,763	—3,004	—3,334	—2,117	—1,292	—5,127	—9,469	—1,291	—7,626	—3,175	—8,830	Baluchistan.
1,10,960	1,37,740	62,236	44,933	1,06,260	2,78,305	2,46,629	3,11,891	62,555	21,077	65,318	1,89,810	2,60,128	Andamans.
—70,340	—67,541	—72,745	—63,080	—56,301	—57,697	—77,549	—1,32,007	—1,61,991	—1,78,511	—191,265	—2,15,103	—2,57,591	Imperial Forest College.
—38,560	—33,664	—33,257	—30,551	—38,564	—24,229	—30,044	—30,380	—27,080	—30,128	—11,062	—41,140	—38,708	Imperial Forest Surveys (Imperial).
70,40,100	74,32,766	55,82,492	67,91,227	81,07,353	91,02,232	1,03,56,170	1,01,85,380	85,46,321	82,13,021	89,71,520	98,59,014	98,90,621	Total.
6,49,780	6,24,720	6,34,876	7,73,267	9,06,797	8,43,118	7,01,002	8,10,809	11,12,973	9,73,658	8,33,746	6,54,610	7,51,039	Madras.
2,90,770	5,62,618	6,60,819	6,52,716	9,76,092	11,10,761	13,54,900	11,32,298	16,00,750	15,43,184	10,91,594	16,47,897	16,66,193	Bombay.
773,81,035	86,10,451	70,77,327	82,22,290	1,01,49,751	1,10,62,994	1,24,16,072	1,21,27,697	1,13,50,016	1,07,30,765	1,11,05,140	1,21,01,431	1,21,10,793	GRAND TOTAL.

charges on account of Indore and Bangalore. Excludes Home charges.



DIAGRAM I.  
Reserved, Protected, and  
Unclassed Forests  
and  
Area under working plans.

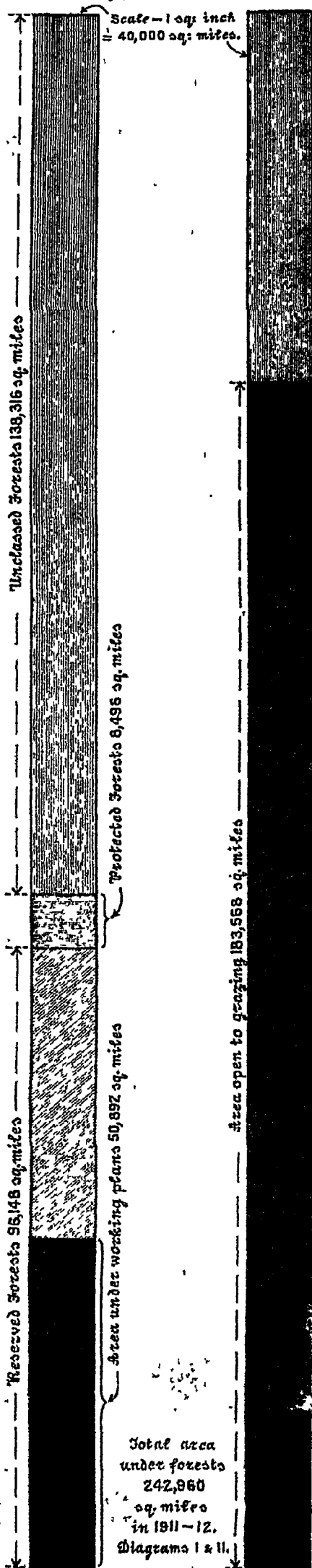


DIAGRAM II.  
Area open to  
grazing



# DIAGRAMS ILLUSTRATING PRINCIPAL RESULTS OF FOREST ADMINISTRATION IN BRITISH INDIA.

DIAGRAM III.

Cases of breaches of Forest Rules.  
Vertical scale—1 inch=20,000 cases.

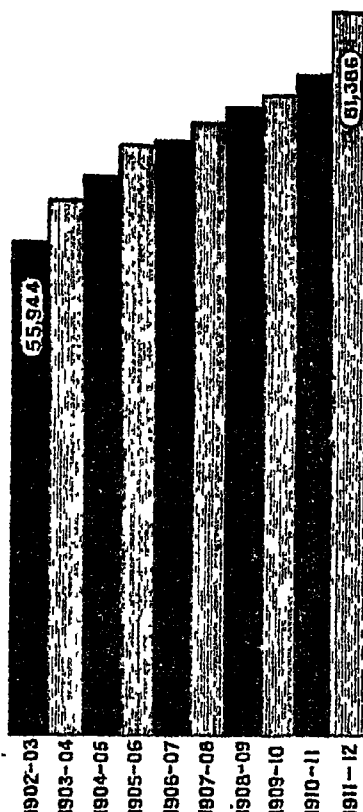


DIAGRAM IV.

Number of animals grazed in  
Government Forests.  
Vertical scale—1 inch=4,000,000 heads.

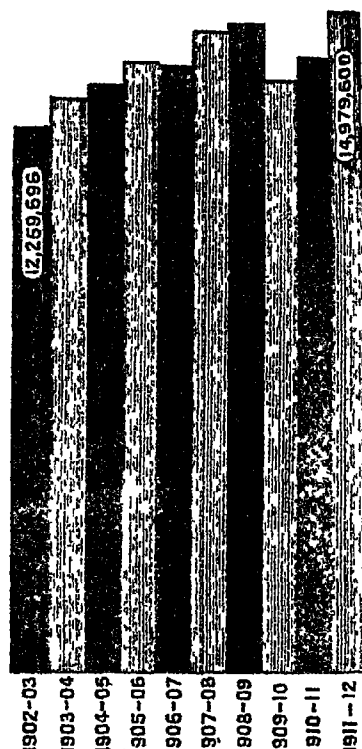


DIAGRAM V

Cutturn of timber and fuel in tons  
of 50 c.ft.  
Vertical scale—1 inch=2,000,000 tons.

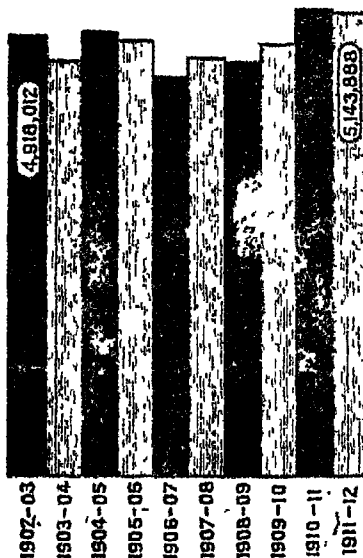


DIAGRAM VI

Forest Revenue & Expenditure  
(Financial years)  
Vertical scale—1 inch=Rs.1,00,00,00,000.

